

66/00/60
JC690 U.S. PTO

IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

INVENTOR(S) Hui-Ling Lou
Markus Rupp

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below and is addressed to: Assistant Commissioner for Patents,
Washington, D.C. 20231.

CASE 13-13

Date of Deposit: September 3, 1999

Signature: Teresa M. Hanley

TITLE Multiplier-Free Methods and Apparatus for Signal
Processing in a Digital Communication System

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

SIR:

Enclosed are the following papers relating to the above-named application for patent:

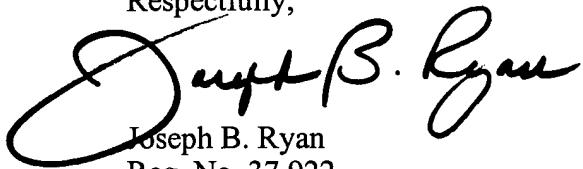
Specification
10 Sheets of informal drawing(s)

CLAIMS AS FILED				
	NO. FILED	NO. EXTRA	RATE	CALCULATIONS
Total Claims	25-20 =	5	x \$18 =	\$90
Independent Claims	5-3 =	2	x \$78 =	\$156
Multiple Dependent Claim(s), if applicable			\$260 =	\$0
Basic Fee				\$760
			TOTAL FEE:	\$1006

Please file the application and charge **Lucent Technologies Deposit Account No. 12-2325** the amount of \$1006, to cover the filing fee. Duplicate copies of this letter are enclosed. In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **Deposit Account No. 12-2325** as required to correct the error.

Please address all correspondence to: **Joseph B. Ryan, Ryan & Mason, L.L.P., 90 Forest Avenue, Locust Valley, New York 11560.** Telephone calls should be made to the under-signed attorney at (516) 759-7517.

Respectfully,



Joseph B. Ryan
Reg. No. 37,922
Attorney for Applicant(s)

Date: September 3, 1999
Ryan & Mason, L.L.P.
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